

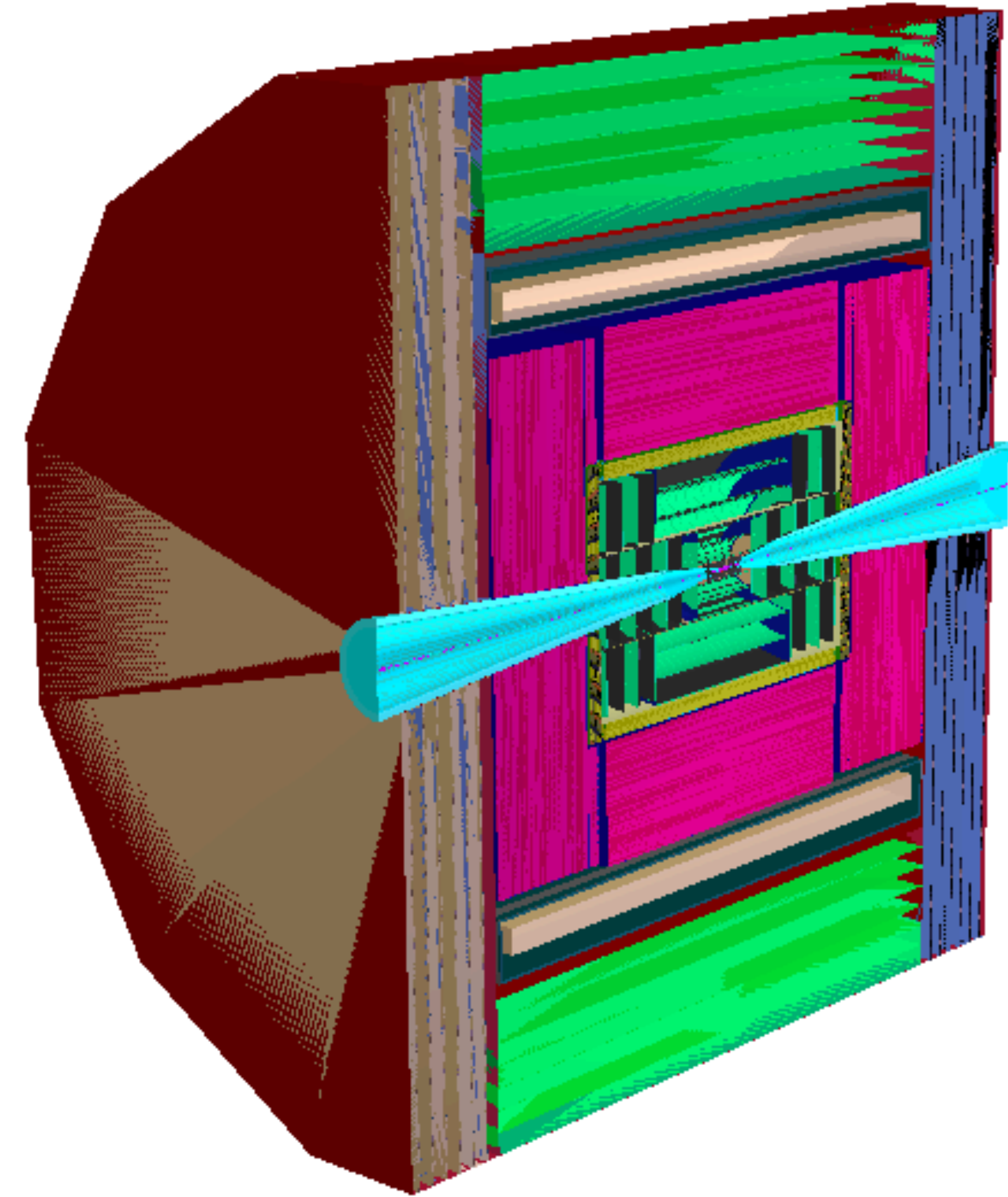
# WP2 MuCol Activities



UNIVERSITÀ  
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## Task 2.1 Design of detector configuration: Detector design strategy definition



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# State of the art

- We are in the process of finalizing the photon study with CRILIN (work by Carlo Giraladin)
  - Higher photon energies (up to 5 TeV)
  - Barrel **and** Endcap
- We are going to prepare a few configurations for the 10 TeV detector
  - Understand the impact of solenoid inside calorimeters
  - Study requirements for tracker and calorimeters
  - Relevant objects:
    - photons (calorimeters)
    - muons (tracker + muon system)
    - jets (low  $p_T$  particles)